



STATE OF RECYCLING IN CALIFORNIA

2016 UPDATE

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NEW FOCUS AREAS FOR 2016

- Composition of recyclables collected at municipal solid waste operations as based on CalRecycle's 2014 waste characterization study
- Implementation of mandatory commercial recycling
- Movement of post-consumer recyclable commodities in and out of California
- The handling of organic waste

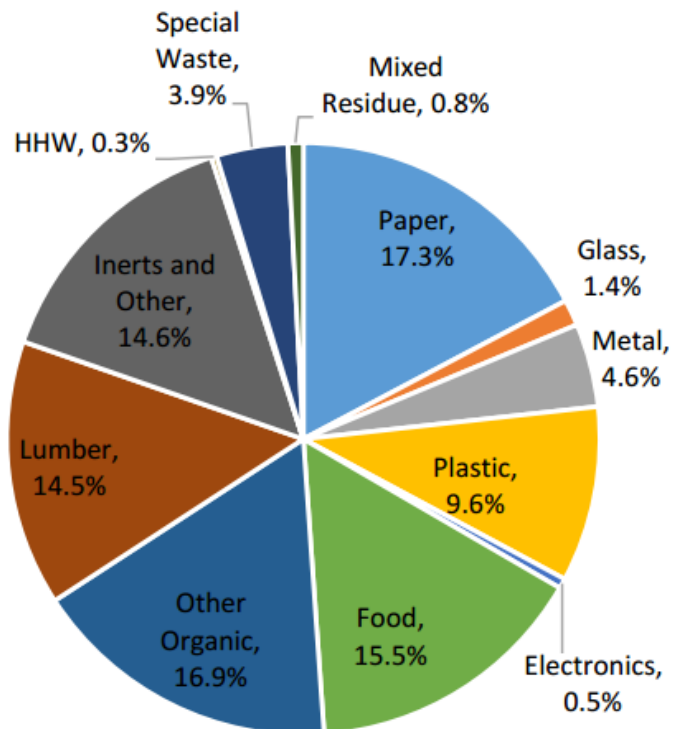
BACKGROUND

- CalRecycle's *State of Recycling* in California and companion report *State of Disposal in California*
- A brief history of recycling in California as follows:
 - **AB 2020** (1986) – Beverage Container Recycling
 - **AB 939** (1989) – Integrated Waste Management Act established Integrated Waste Management Board and 50% diversion goal by 2000
 - **AB 341** (2011) – 75% recycling goal by 2020
 - **AB 1826** (2014) – Mandatory organic waste recycling
 - **AB 876** (2015) – Estimates of organic waste over 15 years
 - **AB 901** (2015) – Reporting requirements to CalRecycle

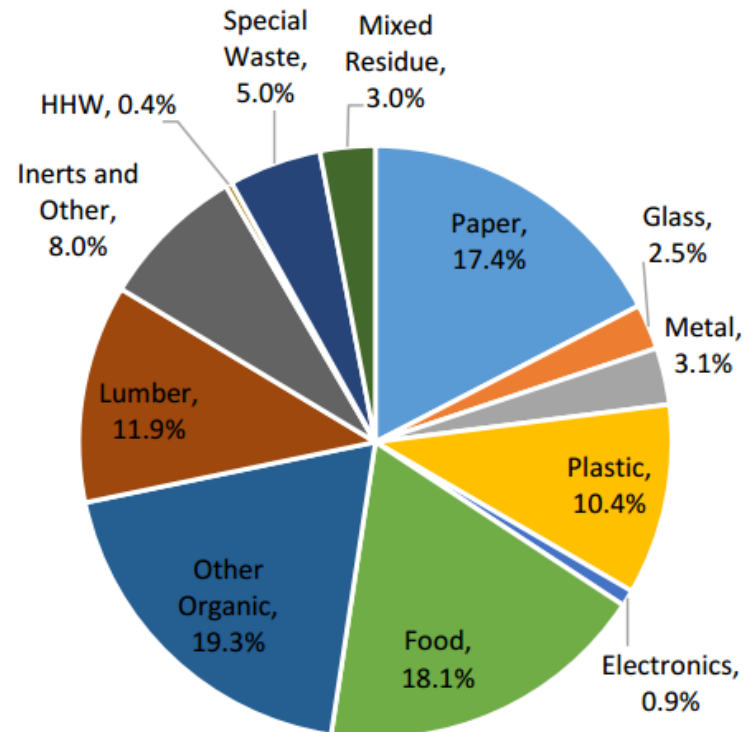
CALRECYCLE'S 2014 WASTE CHARACTERIZATION STUDY

- CalRecycle has conducted waste characterization studies in 1999, 2004, 2006, 2008 and 2014.
- 2014 study released in November 2015
- Facility-based and generator-based

2008 AND 2014 WASTE CHARACTERIZATION STUDIES



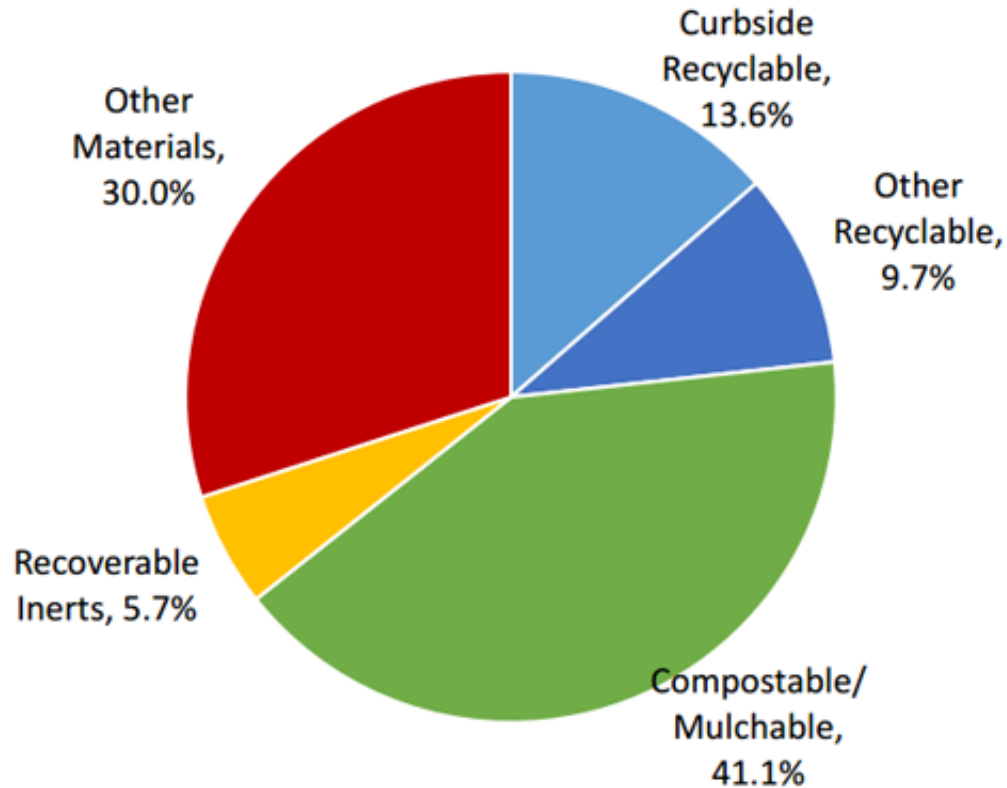
a) 2008



b) 2014

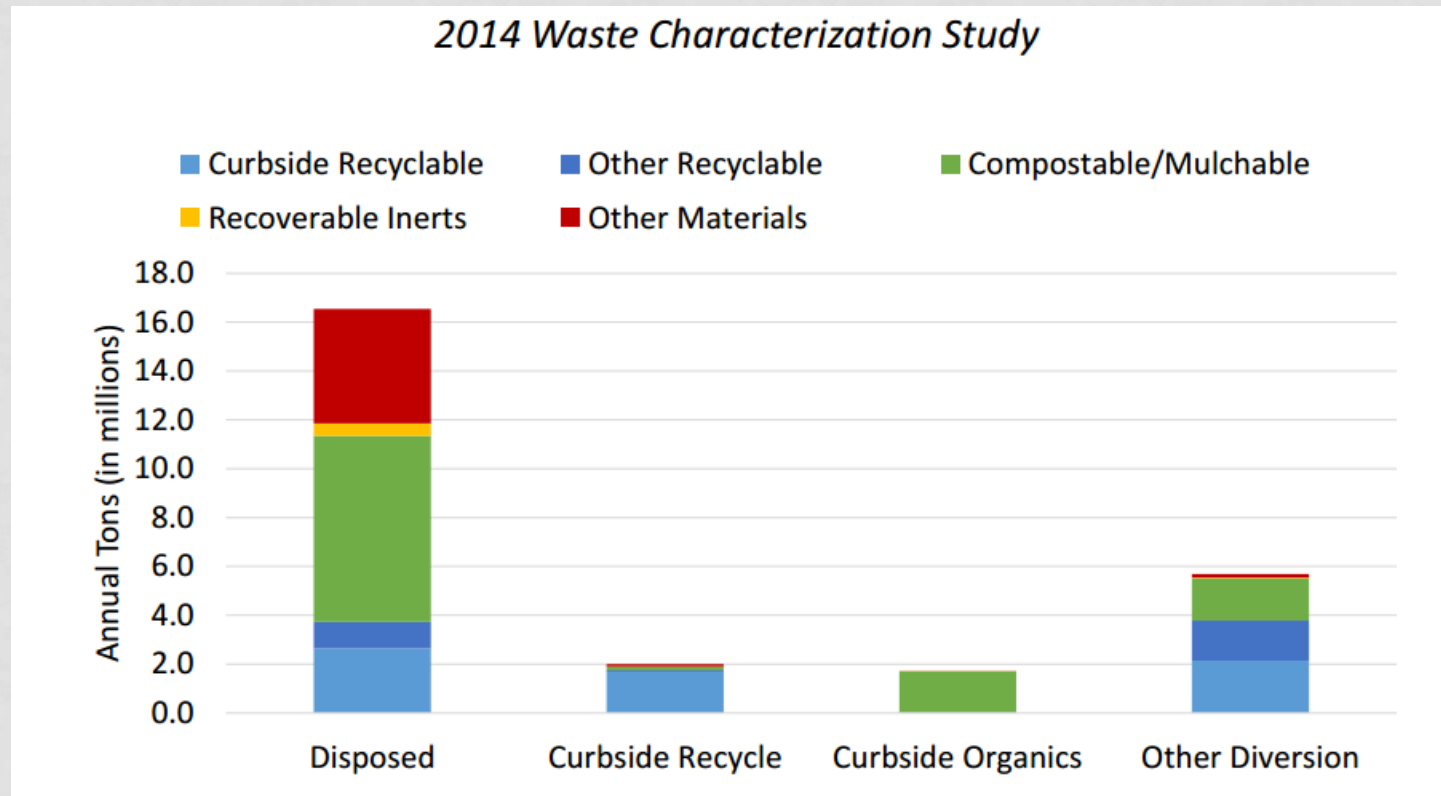
HOW MUCH OF THE DISPOSAL STREAM IS RECYCLABLE?

2014 Waste Characterization Study



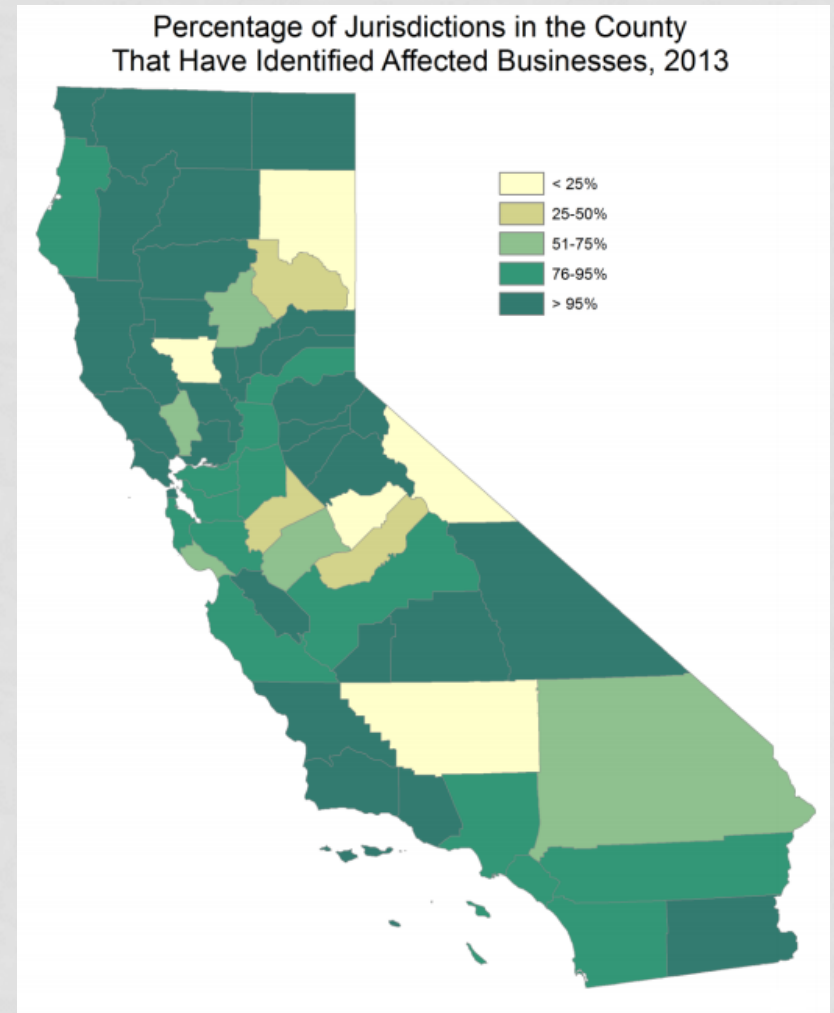
2014 GENERATOR-BASED WASTE CHARACTERIZATION STUDY

- Waste generated by California businesses and multi-family residences

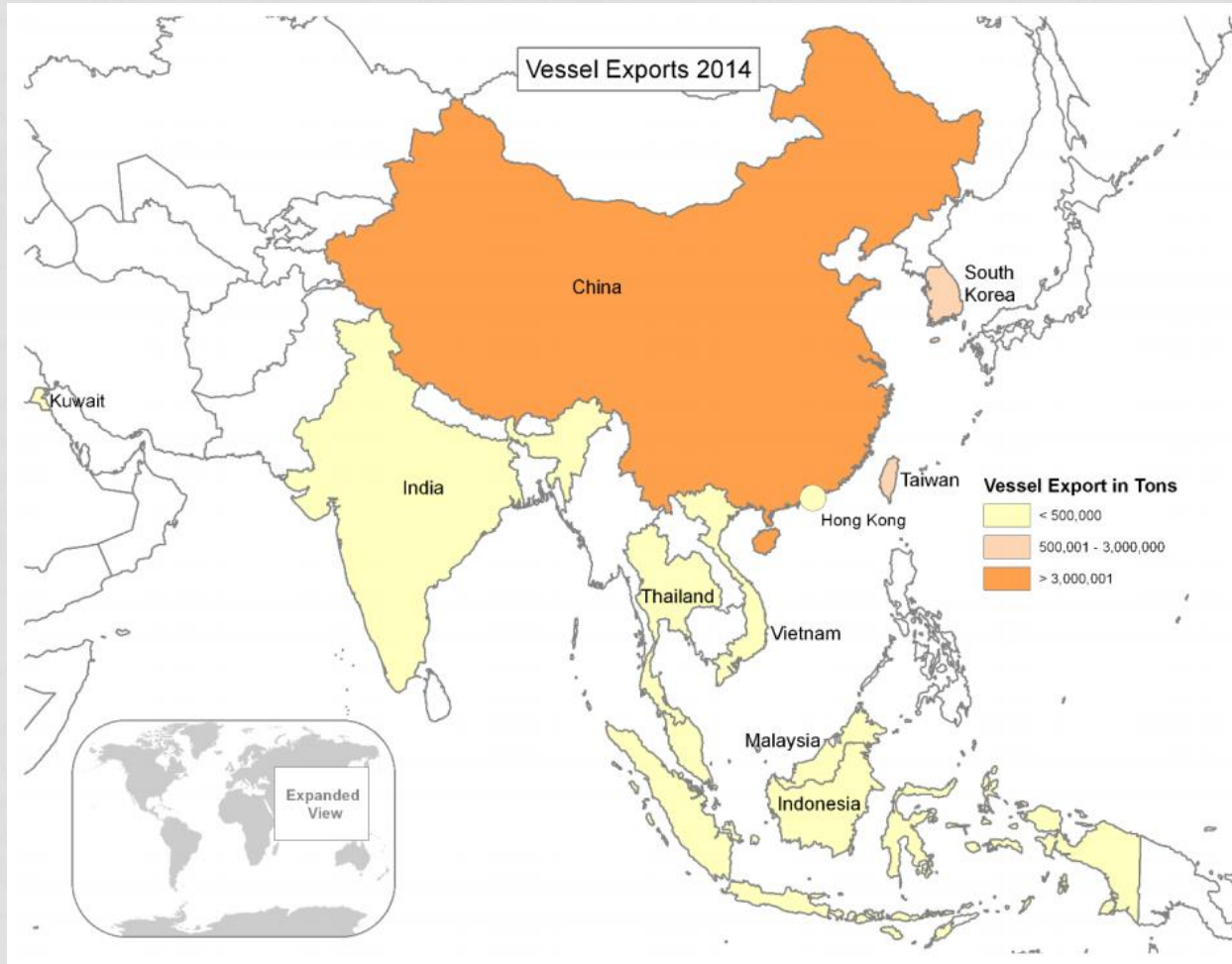


MANDATORY COMMERCIAL RECYCLING

- MCR went into effect on July 1, 2012
- 2013 data shows stages of implementation
- Jurisdictions are improving identification and reporting
- Mandatory commercial organics recycling



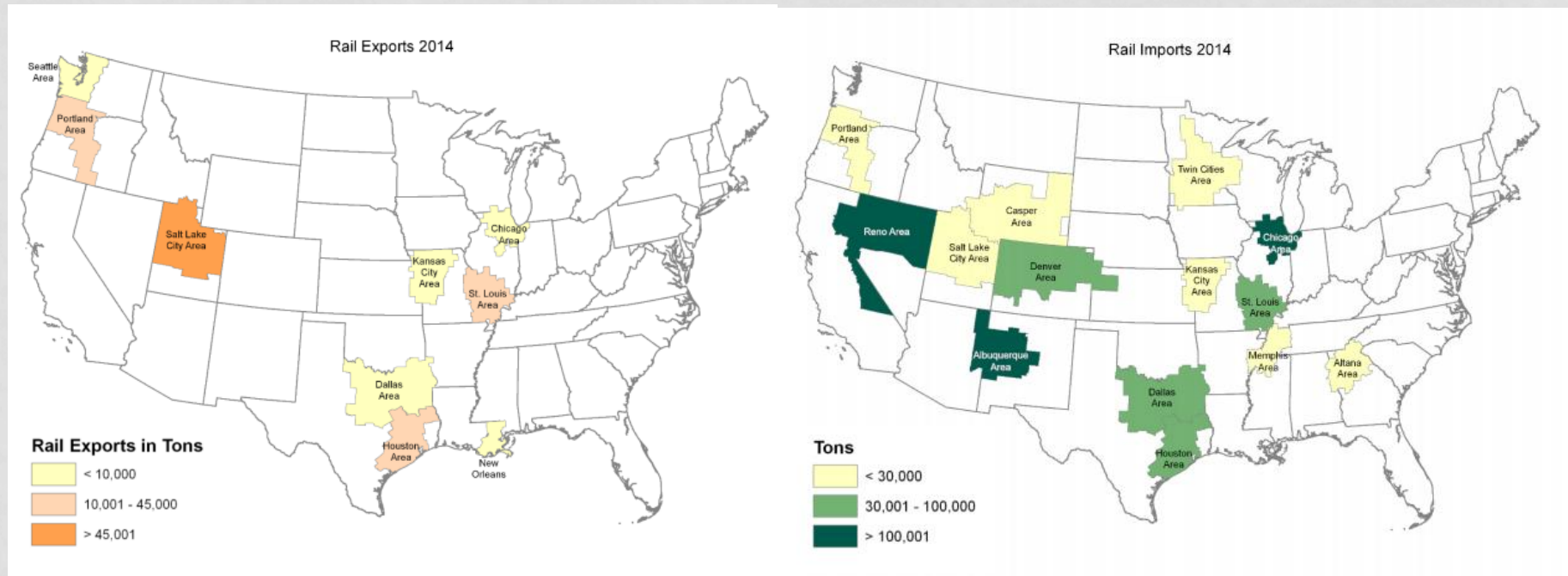
RECYCLABLE MATERIAL FLOW WITHIN AND ACROSS CALIFORNIA



- 18 million tons of waste and scrap material exported by vessel
- 12.6 million tons of exported recyclables originate in CA

RECYCLABLES BY RAIL

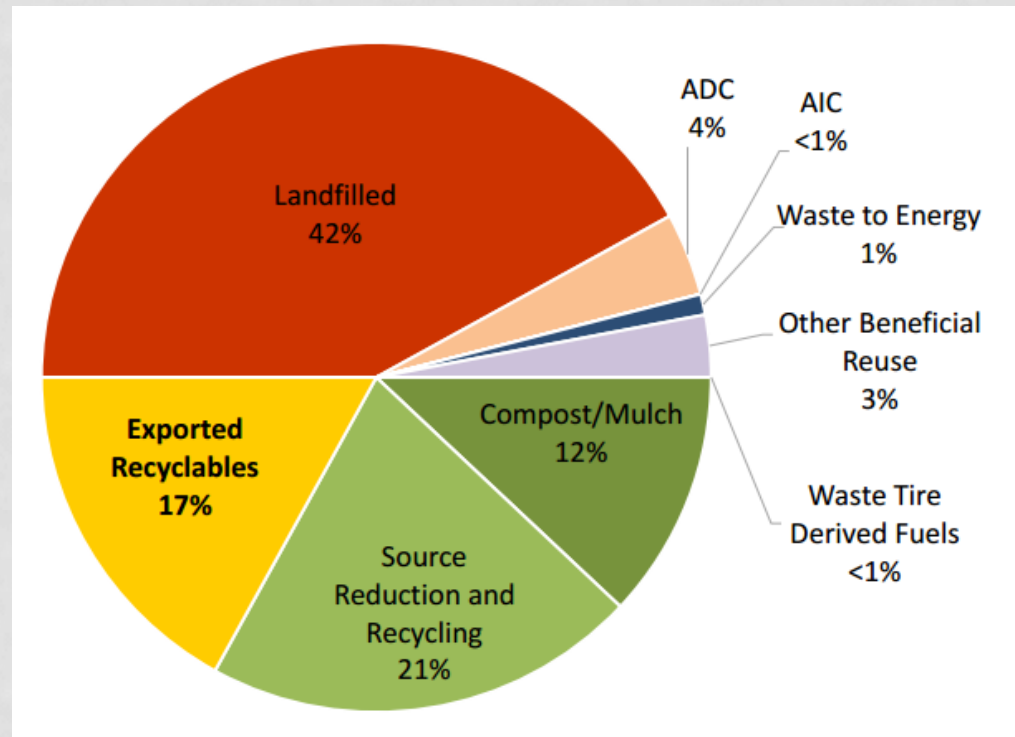
- 340,000 tons of recyclables exported from CA by rail in 2014



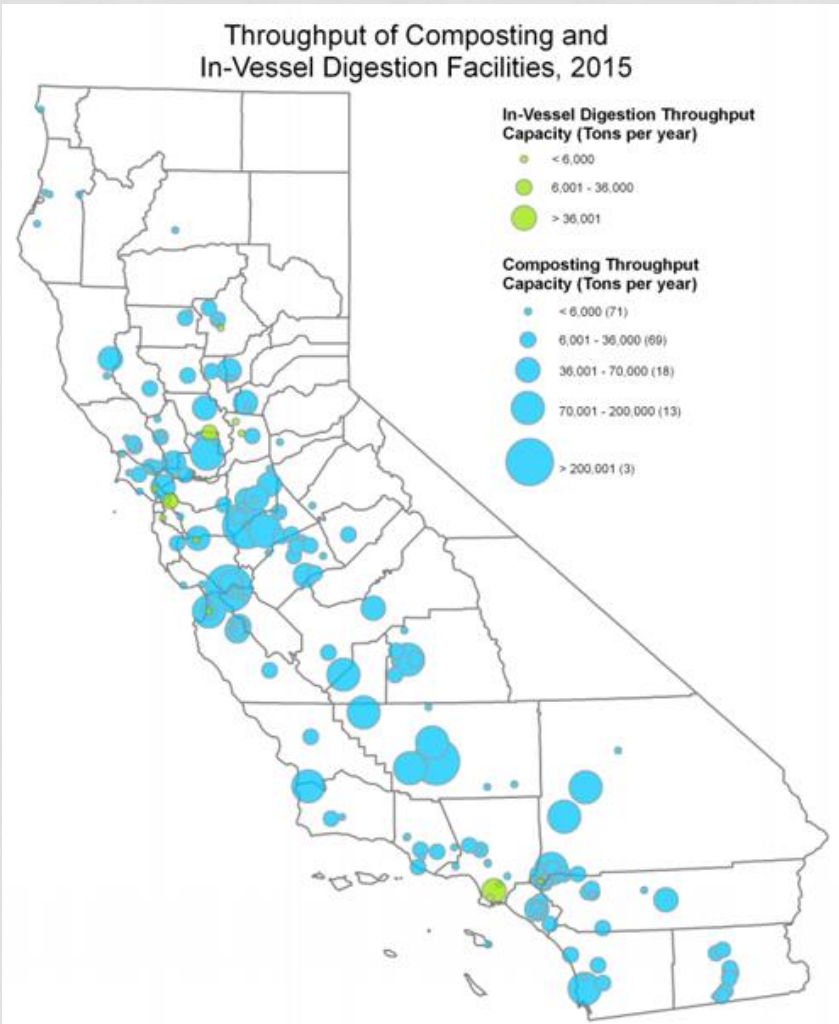
- 1.5 million tons of recyclables imported into CA by rail in 2014

IMPACTS OF EXPORTING RECYCLABLES

- At least 17% of waste generated in CA is exported
- Benefits of in-state recycling



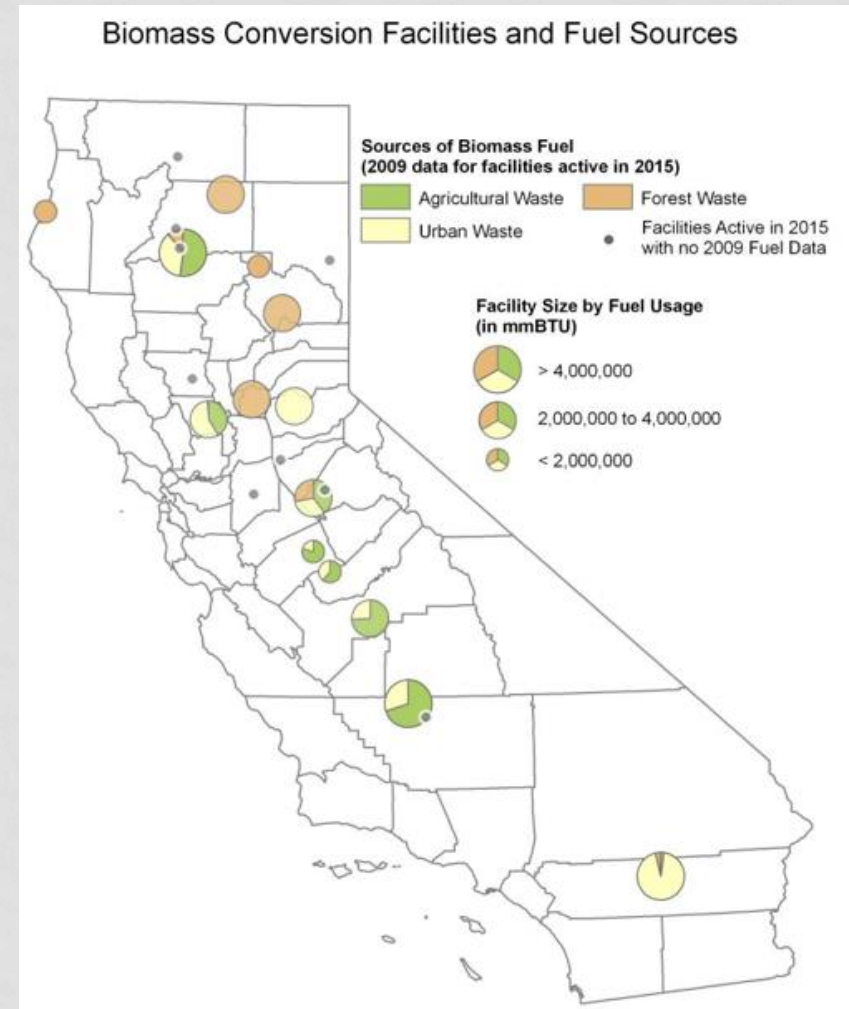
ORGANIC WASTE



- 12.7 million tons of compostable material was disposed in 2014
- CalRecycle is implementing AB 1826, AB 1594 and AB 876 aimed at reducing disposal of organics

ORGANIC WASTE

- CA infrastructure can only accommodate at most 1.1 million additional tons a year
- Publicly owned treatment works could handle large portion of the 5.6 million tons of food waste landfilled each year



THANK YOU

A full copy of this report is available at CalRecycle's website at:

<http://www.calrecycle.ca.gov/Publications/Documents/1554/201601554.pdf>